

(FILE 'HOME' ENTERED AT 13:06:57 ON 20 JUL 2007)

FILE 'MEDLINE, CAPLUS, EMBASE, BIOTECHDS, SCISEARCH, BIOSIS' ENTERED AT
13:07:25 ON 20 JUL 2007

L1 69 S L762P OR L550S OR L587S OR L984P OR L552S OR L763P
L2 42 DUP REM L1 (27 DUPLICATES REMOVED)
L3 2 S L1 AND (MRNA EXPRESSION)
L4 42 S L1 AND (AMPLIFICATION OR PCR OR HYBRIDIZATION OR LCR OR SDA O
L5 31 DUP REM L4 (11 DUPLICATES REMOVED)

=> d ti 15 1-31

L5 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 1
TI Sequences of human lung cancer markers and uses in diagnosis and
monitoring the progression of lung cancer

L5 ANSWER 2 OF 31 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI In vitro diagnosing a predisposition to Long QT Syndrome or full-blown
Long QT Syndrome, comprises the detection in a DNA sample of a group of
mutations in KVLQT1, KCNH2 and SCN5A genes;
gene mutation identification using polymerase chain reaction and
direct sequencing for disease diagnosis

L5 ANSWER 3 OF 31 MEDLINE on STN DUPLICATE 2
TI Multigene real-time PCR detection of circulating tumor cells in
peripheral blood of lung cancer patients.

L5 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Immunogenic polypeptides, polynucleotides, antibodies and
antigen-presenting cells expressing them for diagnosis and therapy of lung
cancer

L5 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the
therapy and diagnosis of lung cancer

L5 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the
therapy and diagnosis of lung cancer

L5 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI nucleotide sequences of human lung cancer genes and methods for diagnosis
and monitoring the progression of lung cancer

L5 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the
therapy and diagnosis of lung cancer

L5 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung tumor proteins, polynucleotides and antibodies for lung cancer
therapy and diagnosis

L5 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the
therapy and diagnosis of lung cancer

L5 ANSWER 11 OF 31 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
STN
TI Detection of circulating tumor cells in peripheral blood of lung cancer
patients using a multiplex real-time RT-PCR assay for
L762P, L550S, L587S, and L984P.

L5 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 3
TI Human nucleic acid and expressed protein compositions and methods for the

therapy and diagnosis of lung cancer

- L5 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the therapy and diagnosis of lung cancer
- L5 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the therapy and diagnosis of lung cancer
- L5 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung cancer antigens and cDNAs encoding them and their diagnostic, prophylactic and therapeutic uses
- L5 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung cancer antigens and cDNAs encoding them and their diagnostic prophylactic and therapeutic uses
- L5 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the therapy and diagnosis of lung cancer
- L5 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung carcinoma-derived polypeptides, polynucleotides, probes and primers, and antibodies for cancer therapy and diagnosis
- L5 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the therapy and diagnosis of lung cancer
- L5 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the therapy and diagnosis of lung cancer
- L5 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the therapy and diagnosis of lung cancer
- L5 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung tumor proteins, polynucleotides and antibodies for therapy and diagnosis of lung cancer
- L5 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung tumor polypeptides, polynucleotides, and antibodies for therapy and diagnosis of lung cancer
- L5 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Expressed sequence profiles and their use for the therapy and diagnosis of human lung cancer
- L5 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Human nucleic acid and expressed protein compositions and methods for the therapy and diagnosis of lung cancer
- L5 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung tumor associated proteins and cDNAs and compositions and methods for therapy and diagnosis of lung cancer
- L5 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Expressed sequence profiles and their use for the therapy and diagnosis of human lung cancer
- L5 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Differentially expressed sequences and proteins for use in the therapy and

diagnosis of human lung cancer

- L5 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung tumor-specific antigen, chimeric antigens, polynucleotides, and antibodies for therapy and diagnosis of lung cancer
- L5 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2007 ACS on STN
TI Lung tumor proteins, polynucleotides and antibodies for therapy and diagnosis of lung cancer
- L5 ANSWER 31 OF 31 MEDLINE on STN DUPLICATE 4
TI L552S, an alternatively spliced isoform of XAGE-1, is over-expressed in lung adenocarcinoma.

All Databases

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for L762P or L550S or L587S or L984P or L552S OR

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Limits

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Details

The following terms were not found: L762P, L984P, L763P.

See Details.

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Summary



Show 20



Pub Date



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All: 7

Review: 0



Items 1 - 7 of 7

One page.



1: Lehtonen A, Fodstad H, Laitinen-Forsblom P, Toivonen L, Kontula K, Swan H.

Related Articles, Links



Further evidence of inherited long QT syndrome gene mutations in antiarrhythmic drug-associated torsades de pointes.

Heart Rhythm. 2007 May;4(5):603-7. Epub 2007 Jan 18.

PMID: 17467628 [PubMed - in process]



2: Hayes DC, Secrist H, Bangur CS, Wang T, Zhang X, Harlan D, Goodman GE, Houghton RL, Persing DH, Zehentner BK.

Related Articles, Links



Multigene real-time PCR detection of circulating tumor cells in peripheral blood of lung cancer patients.

Anticancer Res. 2006 Mar-Apr;26(2B):1567-75.

PMID: 16619573 [PubMed - indexed for MEDLINE]



3: Watanabe Y, LePage S, Elliott M, Secrist H, Tanaka T, Kawahara M, Matsumura A, Hosoe S, Ogawara M, Okada M, Repasky B, Sleath P, Wang T, Henderson R.

Related Articles, Links



Characterization of preexisting humoral immunity specific for two cancer-testis antigens overexpressed at the mRNA level in non-small cell lung cancer.

Cancer Immun. 2006 Feb 10;6:3.

PMID: 16468707 [PubMed - indexed for MEDLINE]



4: Fodstad H, Swan H, Laitinen P, Piippo K, Paavonen K, Viitasalo M, Toivonen L, Kontula K.

Related Articles, Links



Four potassium channel mutations account for 73% of the genetic spectrum underlying long-QT syndrome (LQTS) and provide evidence for a strong founder effect in Finland.

Ann Med. 2004;36 Suppl 1:53-63.

PMID: 15176425 [PubMed - indexed for MEDLINE]



5: Wang T, Fan L, Watanabe Y, McNeill P, Fanger GR, Persing DH, Reed SG.

Related Articles, Links



L552S, an alternatively spliced isoform of XAGE-1, is over-expressed in lung adenocarcinoma.

Oncogene. 2001 Nov 22;20(53):7699-709.

PMID: 11753648 [PubMed - indexed for MEDLINE]



6: Piippo K, Laitinen P, Swan H, Toivonen L, Viitasalo M, Pasternack M, Paavonen K, Chapman H, Wann KT, Hirvela E, Sajantila A, Kontula K.

Related Articles, Links



Homozygosity for a HERG potassium channel mutation causes a severe form of long QT syndrome: identification of an apparent founder mutation in the Finns.

J Am Coll Cardiol. 2000 Jun;35(7):1919-25.

PMID: 10841244 [PubMed - indexed for MEDLINE]



7: Giannoukos G, Silverstein AM, Pratt WB, Simons SS Jr.

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TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central



The seven amino acids (547-553) of rat glucocorticoid receptor required for steroid and hsp90 binding contain a functionally independent LXXLL motif that is critical for steroid binding.

J Biol Chem. 1999 Dec 17;274(51):36527-36.

PMID: 10593951 [PubMed - indexed for MEDLINE]

Items 1 - 7 of 7

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Qy	121	ARRNERERNRVKLVNLGFATLREHVPNGAANKKMSKVETLRSAVEYIRALQQLLDEHDAV	180
Db	121	ARRNERERNRVKLVNLGFATLREHVPNGAANKKMSKVETLRSAVEYIRALQQLLDEHDAV	180
Qy	181	SAAFQAGVLSPTISPNYSNDLNSMAGSPVSSYSSDEGSYDPLSPEEQELLDFTNWF	236
Db	181	SAAFQAGVLSPTISPNYSNDLNSMAGSPVSSYSSDEGSYDPLSPEEQELLDFTNWF	236

<!--EndFragment-->

<!--StartFragment-->-895-828-453
; Sequence 453, Application US/09895828
; Patent No. US20020099012A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: McNeill, Patricia D.
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Carter, Darrick
; APPLICANT: Henderson, Robert A.
; APPLICANT: Kalos, Michael D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.539
; CURRENT APPLICATION NUMBER: US/09/895,828
; CURRENT FILING DATE: 2001-06-28
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 453
; LENGTH: 2257
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-895-828-453

26

Query Match 100.0%; Score 2256.6; DB 3; Length 2257;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2257; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db	61	CGGCTGGAGACCCAGCGGCGAGTAGCCTTTTGCTCCCGGACGGACTTGAGAGGCTTAAAG	120
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Db	121	GATGGCCTCGTCAGATCTGGAACAATTATGCTCTCATGTTAATGAAAAGATTGGCAATAT	180
Qy	181	TAAGAAAACCTTATCATTAAAGAACTGTGGCCAGGAACCTACCTTGAAAACCTGTATTAA	240
Db	181	TAAGAAAACCTTATCATTAAAGAACTGTGGCCAGGAACCTACCTTGAAAACCTGTATTAA	240
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Db	241	TAAAATAGGAGATGAGATCATTGTAATAAATGAACTTCTAAATAAATTGGAATTGGAAT	300
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Db	361	TTACAAAGACATAGAACATCTTAAAGAAAACGTTCCCTTCCCATTTCCTCAAGTAACAGT	420
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Qy	481	ACCTGAACCCGTAAAGAAGCCTCCCAAAGAGCAAAGAAGTATTAAGGAAATGCCATTTAT	540
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Db	541	AACTTGTGATGAGTTCAATGGTGTTCCTTCGTACATGAAATCCCGCTTAACCTATAATCA	600
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Db	661	TCAGCCAAAAAAGTCTATGAATTCTGTGACCAGAAATCTCTATCACAGATTTATTGATGA	720
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Db	721	AGAAACGAAGGATACCAAAGGTCGTTATTTTATAGTGGAAGCTGACATAAAGGAGTTCAC	780
Qy	781	AACTTTGAAAGCTGACAAGAAGTTTCACGTGTTACTGAATATTTTACGACACTGCCGGAG	840
Db	781	AACTTTGAAAGCTGACAAGAAGTTTCACGTGTTACTGAATATTTTACGACACTGCCGGAG	840
Qy	841	GCTATCAGAGGTCCGAGGGGGAGGACTTACTCGTTATGTTATAACCTGAGTCCCTTGTGA	900
Db	841	GCTATCAGAGGTCCGAGGGGGAGGACTTACTCGTTATGTTATAACCTGAGTCCCTTGTGA	900
Qy	901	ACTTTTGAACATACCAACAGGGTATAGAGTATAGAGGCTATTTCTATAATTTTCTTATAT	960
Db	901	ACTTTTGAACATACCAACAGGGTATAGAGTATAGAGGCTATTTCTATAATTTTCTTATAT	960
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Db	1201	GGGTTTCACCATGTTGCCTAGGCTGGTCTTGAGCTCCTGAGCTCAAACAATCCACCCTCC	1260
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Db	1261	TCAGCCTCCCAAAGTGCTGGGATTACAGGCTTGAGCCACCACACCTGACCTATTCTTGTT	1320
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Qy	1441	TATTGGAAGAAAAAGATCAAGCTGATGAGGTTAGGATACCCAGGCCCTTTGGACTTAAAG	1500
Db	1441	TATTGGAAGAAAAAGATCAAGCTGATGAGGTTAGGATACCCAGGCCCTTTGGACTTAAAG	1500
Qy	1501	ATCACTAGTGTCTAAATTCATCGATGGCATTTCAGTCTATAGGTAAACTTCCTGGAAGC	1560
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Db	1621	GCTTACCTGAAATGCATTTAGTGACACCAGTCTGTAAACTTCAACCTGTAATGAAAGTG	1680

Qy	1681	TAATAAATGTACATTGAGTTGATGTGATAATGTGATATAATAAGAAATATATATTTGATC	1740
Db	1681	TAATAAATGTACATTGAGTTGATGTGATAATGTGATATAATAAGAAATATATATTTGATC	1740
Qy	1741	TTCCTATCTAGTTCCTTGTTTCAGAGCTCCTAAAACCTTGTAATTTCCAAAGTGATGGAG	1800
Db	1741	TTCCTATCTAGTTCCTTGTTTCAGAGCTCCTAAAACCTTGTAATTTCCAAAGTGATGGAG	1800
Qy	1801	TACATCTTTTGTTCCTAGTATTTGGTCTTTGACCCAGTTCCTGACACAAAGCTCCTAAAT	1860
Db	1801	TACATCTTTTGTTCCTAGTATTTGGTCTTTGACCCAGTTCCTGACACAAAGCTCCTAAAT	1860
Qy	1861	TCCTTTAAATTTCCAGTGATAGGAGAATTTTTTGTTCCTAATGAGGTCCTCTTGATGGG	1920
Db	1861	TCCTTTAAATTTCCAGTGATAGGAGAATTTTTTGTTCCTAATGAGGTCCTCTTGATGGG	1920
Qy	1921	CACCTGGATAACTCAGGATGGGGGCTGCTCACAAAGACCACATCATGATTGGAAGTTTCA	1980
Db	1921	CACCTGGATAACTCAGGATGGGGGCTGCTCACAAAGACCACATCATGATTGGAAGTTTCA	1980
Qy	1981	AACTTTTCAGTCTCCACCTCCAGAGAGGGGAGAGGGGCTGGAGATTTGTGTCAATAATCC	2040
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Qy	2101	TGGCAAACATTTTGATGTGCCAGGAAGGTGACGCACTCCAGCTTTATGAAGTCAGCAAGT	2160
Db	2101	TGGCAAACATTTTGATGTGCCAGGAAGGTGACGCACTCCAGCTTTATGAAGTCAGCAAGT	2160
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Db	2161	CCTGTGCTCAGGATGCTTYTGACCTTGCCCCAGGTACCCCTTCATGTGGCTGTTGTTCA	2220
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WEST Search History

DATE: Friday, July 20, 2007

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<input type="checkbox"/>	L3	L1 and (real-time PCR)	48
<input type="checkbox"/>	L4	L1 and gene expression	117
<input type="checkbox"/>	L5	L4 and (cancer near marker)	6
<input type="checkbox"/>	L6	L4 and cancer	104
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<input type="checkbox"/>	L8	L7 and (hybridization or amplification)	40
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<input type="checkbox"/>	L10	L9 and multiplex	0
<input type="checkbox"/>	L11	L10 and real time	0
<input type="checkbox"/>	L12	L9 and real time	6
<input type="checkbox"/>	L13	L9 and multiple\$	6

END OF SEARCH HISTORY

6

ID : ABU66397 standard; protein; 200 AA.

AC - ABU66397;

DT 22-MAY-2003 (first entry)

DE Lung cancer therapyand diagnosis associated protein #21.

KW Lung cancer; cytostatic; vaccine; gene therapy; cancer.

OS Homo sapiens.

PN US2002172952-A1.

PD 21-NOV-2002.

PF 10-JUL-2001; 2001US-00902941.

PR 30-JUN-1999; 99US-00346492.

PR 15-OCT-1999; 99US-00419356.

PR 17-DEC-1999; 99US-00466867.

PR 30-DEC-1999; 99US-00476300.

PR 06-MAR-2000; 2000US-00519642.

PR 22-MAR-2000; 2000US-00533077.

PR 10-APR-2000; 2000US-00546259.

PR 27-APR-2000; 2000US-00560406.

PR 05-JUN-2000; 2000US-00589184.

PR 11-JUL-2000; 2000US-00614124.

PR 29-AUG-2000; 2000US-00651563.

PR 08-SEP-2000; 2000US-00658824.

PR 26-SEP-2000; 2000US-00671325.

PR 06-OCT-2000; 2000US-00677419.

PR 30-OCT-2000; 2000US-00702705.

PR 13-DEC-2000; 2000US-00736457.

PR 03-MAY-2001; 2001US-00849626.

PA (CORI-) CORIXA CORP.

PI Henderson RA, Wang T, Watanabe Y, Johnson JC, Retter MW;

PI Durham M, Carter D, Fanger GR, Vedvick TS, Bangur CS, McNabb A;

DR WPI; 2003-328427/31.

PT New polynucleotide, useful for preparing a composition for treating or
PT inhibiting development of cancer, e.g. lung cancer.

PS Example 1; SEQ ID NO 789; 82pp; English.

CC The invention describes an isolated polynucleotide comprising one of 32
CC sequences, complement or degenerate variants of them. The polynucleotide
CC is useful for preparing a composition e.g. a vaccine or for gene therapy,
CC for treating or inhibiting development of cancer, e.g. lung cancer. This
CC sequence represents a polypeptide associated with the compositions and
CC methods for the therapy and diagnosis of lung cancer

SQ Sequence 200 AA;

Query Match 100.0%; Score 1066; DB 6; Length 200;

Best Local Similarity 100.0%; Pred. No. 1e-90;

Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAKGDPPKPKGKMSAYAFFVQTCREEHKKKNPEVPVNFAEFSKKCSERWKTMSGKEKSKF 60

Db 1 MAKGDPKKPKGKMSAYAFFVQTCREEHKKKNPEVPVNFAEFSKKCSERWKTMSGKEKSKF 60

Qy 61 DEMAKADKVR YDREMKDYGPAKGKKKKDPNAPKRPPSGFFLFCSEFRPKIKSTNPGISI 120

Db 61 DEMAKADKVRIDREMKDYGPAKGGKKKKDPNAPKRPPSGFFLCSEFRPKIKSTNPGISI 120
Qy 121 GDVAKKLGEMWNNLNDSEKQPYITKAAKLKEYEKDVADYKSKGKFDGAKGPAKVARKKV 180
Db 121 GDVAKKLGEMWNNLNDSEKQPYITKAAKLKEYEKDVADYKSKGKFDGAKGPAKVARKKV 180
Qy 181 EEEEEEEEEEEEEEEEEDE 200
Db 181 EEEEEEEEEEEEEEEEEDE 200
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Db	241	MFMQSLSSVVEFCNASTHNQEAPNLQNQMCSLRSADVDITDSADFHHSFPMNGTELPPPP	300
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Db	301	TFSLVEAGDKVVCVLVDVSSKMAEADRLQLQQAEEFYLMQIVEIHTFVGIA SFDSKGEI	360
Qy	361	RAQLHQINSNDDRKLLVSYLPTTVSAKTDISICSLKKGFEVVEKLN GKAYGSVMILVTS	420
Db	361	RAQLHQINSNDDRKLLVSYLPTTVSAKTDISICSLKKGFEVVEKLN GKAYGSVMILVTS	420
Qy	421	GDDKLLGNCLPTVLSSGSTIHSIALGSSAAPNLEELSRLTGGLKFFVPDISNSNSMIDAF	480
Db	421	GDDKLLGNCLPTVLSSGSTIHSIALGSSAAPNLEELSRLTGGLKFFVPDISNSNSMIDAF	480
Qy	481	SRISSGTGDIFQQHQIQLSTGENVKPHHQLKNTVTVDNTVGNDTMFLVTWQASGPPEIIL	540
Db	481	SRISSGTGDIFQQHQIQLSTGENVKPHHQLKNTVTVDNTVGNDTMFLVTWQASGPPEIIL	540
Qy	541	FDPDGRKYTYTNFITNLTFRTASLWIPGTAKPGHWTYTLNNT HHS LQALKVTVTSRASNS	600
Db	541	FDPDGRKYTYTNFITNLTFRTASLWIPGTAKPGHWTYTLNNT HHS LQALKVTVTSRASNS	600
Qy	601	AVPPATVEAFVERDSLHFPHPVMIYANVKQGFYPILNATVTATVEPETGDPVTLRLDDG	660
Db	601	AVPPATVEAFVERDSLHFPHPVMIYANVKQGFYPILNATVTATVEPETGDPVTLRLDDG	660
Qy	661	AGADVIKNDGIYSRYFFSFAANGRYSLKVHVNHSPISTPAHSIPGSHAMYVPGYTANGN	720
Db	661	AGADVIKNDGIYSRYFFSFAANGRYSLKVHVNHSPISTPAHSIPGSHAMYVPGYTANGN	720
Qy	721	IQMNA PRKSVGRNEEERKWGFSRVSSGGSF SVLGVPAGPHPDVFP PCKIIDLEAVKVEEE	780
Db	721	IQMNA PRKSVGRNEEERKWGFSRVSSGGSF SVLGVPAGPHPDVFP PCKIIDLEAVKVEEE	780
Qy	781	LTL SWTAPGEDFDQGGATS YEIRMSKSLQNIQDDFN NAILVNTSKRNPQQAGIREIFTFS	840
Db	781	LTL SWTAPGEDFDQGGATS YEIRMSKSLQNIQDDFN NAILVNTSKRNPQQAGIREIFTFS	840
Qy	841	PQISTNGPEHQPNGETHESHRIYVAIRAMDRNSLQSAVS NIAQAPLFIPPNSDPVPARDY	900
Db	841	PQISTNGPEHQPNGETHESHRIYVAIRAMDRNSLQSAVS NIAQAPLFIPPNSDPVPARDY	900
Qy	901	LILKGVLTAMGLIGIICLIIVVTHHTLSRKKRADKKENG TKLL	943
Db	901	LILKGVLTAMGLIGIICLIIVVTHHTLSRKKRADKKENG TKLL	943

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<!--StartFragment-->RESULT 1
US-09-643-597-161
; Sequence 161, Application US/09643597
; Patent No. 6426072
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy
; APPLICANT: Fanger, Gary R.
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Henderson, Robert A.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C11
; CURRENT APPLICATION NUMBER: US/09/643,597
; CURRENT FILING DATE: 2000-08-21
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 161
; LENGTH: 943
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-643-597-161

Query Match 100.0%; Score 4942; DB 2; Length 943;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 943; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MTQRSIAGPICNLKFVTLTLLVALSSELPFLGAGVQLQDNGYNGLLIAINPQVPENQNLI	60
Db	1	MTQRSIAGPICNLKFVTLTLLVALSSELPFLGAGVQLQDNGYNGLLIAINPQVPENQNLI	60
Qy	61	IKEMITEASFYLFNATKRRVFFRNIKILIPATWKANNNSKIKQESYEKANVIVTDWYGAH	120
Db	61	IKEMITEASFYLFNATKRRVFFRNIKILIPATWKANNNSKIKQESYEKANVIVTDWYGAH	120
Qy	121	GDDPYTLQYRGCCKEGKYIHFTPNFLLNDNLTAGYGSRGVVFVHEWAHLRWGVFDEYNND	180
Db	121	GDDPYTLQYRGCCKEGKYIHFTPNFLLNDNLTAGYGSRGVVFVHEWAHLRWGVFDEYNND	180
Qy	181	KPFYINGQNQIKVTRCSSDITGIFVCEKGPQENCIISKLFKEGCTFIYNSTQNATASI	240
Db	181	KPFYINGQNQIKVTRCSSDITGIFVCEKGPQENCIISKLFKEGCTFIYNSTQNATASI	240
Qy	241	MFMQSLSSVVEFCNASTHNQEAPNLQNMCSLRSADWDVITDSADFHHSFPMNGTELP	300
Db	241	MFMQSLSSVVEFCNASTHNQEAPNLQNMCSLRSADWDVITDSADFHHSFPMNGTELP	300
Qy	301	TFSLVEAGDKVVCLVLDVSSKMAEADRLQLQQAEEFYLMQIVEIHTFVGIAFDSKGEI	360
Db	301	TFSLVEAGDKVVCLVLDVSSKMAEADRLQLQQAEEFYLMQIVEIHTFVGIAFDSKGEI	360
Qy	361	RAQLHQINSNDDRKLLVSYLPTTVSAKTDISICSLKKGFEVVEKLNKAYGSVMILVTS	420
Db	361	RAQLHQINSNDDRKLLVSYLPTTVSAKTDISICSLKKGFEVVEKLNKAYGSVMILVTS	420
Qy	421	GDDKLLGNCLPTVLSSGSTIHSIALGSSAAPNLEELSRLTGGLKFFVPDISNSNSMIDAF	480
Db	421	GDDKLLGNCLPTVLSSGSTIHSIALGSSAAPNLEELSRLTGGLKFFVPDISNSNSMIDAF	480
Qy	481	SRISSGTGDIFQQHIQLESTGENVKPHHQLKNTVTVDNTVGNDTMFLVTWQASGPPEIIL	540
Db	481	SRISSGTGDIFQQHIQLESTGENVKPHHQLKNTVTVDNTVGNDTMFLVTWQASGPPEIIL	540

Qy	541	FDPDGRKYYTNNFITNLTFRTASLWIPGTAKPGHWTYTLNNTHHSLQALKVTVTSRASNS	600
Db	541	FDPDGRKYYTNNFITNLTFRTASLWIPGTAKPGHWTYTLNNTHHSLQALKVTVTSRASNS	600
Qy	601	AVPPATVEAFVERDSLHFHPVMIYANVKQGFYPILNATVTATVEPETGDPVTLRLDDG	660
Db	601	AVPPATVEAFVERDSLHFHPVMIYANVKQGFYPILNATVTATVEPETGDPVTLRLDDG	660
Qy	661	AGADVIKNDGIYSRYFFSFAANGRYSLKVHVNHSPSISTPAHSIPGSHAMYVPGYTANGN	720
Db	661	AGADVIKNDGIYSRYFFSFAANGRYSLKVHVNHSPSISTPAHSIPGSHAMYVPGYTANGN	720
Qy	721	IQMNA PRKSVGRNEEERK WGFSRVSSGGSF SVLGVPAGPHPDVFPPCKI IDLEAVKVEEE	780
Db	721	IQMNA PRKSVGRNEEERK WGFSRVSSGGSF SVLGVPAGPHPDVFPPCKI IDLEAVKVEEE	780
Qy	781	LTLSWTAPGEDFDQGQATS YEIRMSKSLQNIQDDFNNAILVNTSKRNPQQAGIREIFTFS	840
Db	781	LTLSWTAPGEDFDQGQATS YEIRMSKSLQNIQDDFNNAILVNTSKRNPQQAGIREIFTFS	840
Qy	841	PQISTNGPEHQPNGETHESHRIYVAIRAMDRNSLQSAVS NIAQAPLFIPPNSDPVPARDY	900
Db	841	PQISTNGPEHQPNGETHESHRIYVAIRAMDRNSLQSAVS NIAQAPLFIPPNSDPVPARDY	900
Qy	901	LILKG VLTAMGLIGIICLIIVVTHHTLSRKKRADKKENGTKLL	943
Db	901	LILKG VLTAMGLIGIICLIIVVTHHTLSRKKRADKKENGTKLL	943

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<!--StartFragment-->RESULT 1
US-09-735-705-161
; Sequence 161, Application US/09735705
; Patent No. US20020052329A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy
; APPLICANT: Fanger, Gary R.
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Henderson, Robert A.
; APPLICANT: McNeill, Patricia D.
; APPLICANT: Fanger, Neil
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C14
; CURRENT APPLICATION NUMBER: US/09/735,705
; CURRENT FILING DATE: 2000-12-12
; NUMBER OF SEQ ID NOS: 419
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 161
; LENGTH: 943
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-735-705-161

#2

Query Match 100.0%; Score 4942; DB 3; Length 943;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 943; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MTQRSIAGPICNLKFVTL LVALSSEL PFLGAGVQLQDNGYNGLLIAINPQVPENQNLISN	60
Db	1	MTQRSIAGPICNLKFVTL LVALSSEL PFLGAGVQLQDNGYNGLLIAINPQVPENQNLISN	60
Qy	61	IKEMITEASFYLFNATKRRVFFRNILIPATWKANNNSKIQESYEKANVIVTDWYGHA	120
Db	61	IKEMITEASFYLFNATKRRVFFRNILIPATWKANNNSKIQESYEKANVIVTDWYGHA	120
Qy	121	GDDPYTLQYRGCGKEGKYIHFTPNFLLNDNLTAGYGSRGV FVHEWAHLRWGVFDEYNND	180
Db	121	GDDPYTLQYRGCGKEGKYIHFTPNFLLNDNLTAGYGSRGV FVHEWAHLRWGVFDEYNND	180
Qy	181	KPFYINGQNQIKVTRCSDITGIFVCEKGPCPQENCIISKLFKEGCTFIYNSTQNATASI	240
Db	181	KPFYINGQNQIKVTRCSDITGIFVCEKGPCPQENCIISKLFKEGCTFIYNSTQNATASI	240
Qy	241	MFMQSLSSVVEFCNASTHNQEAPNLQNQMCSLRSARDVITDSADFHHSFPMNGTELPPPP	300
Db	241	MFMQSLSSVVEFCNASTHNQEAPNLQNQMCSLRSARDVITDSADFHHSFPMNGTELPPPP	300
Qy	301	TFSLVEAGDKVVCLVLDVSSKMAEADRLQLQQA AEFYLMQIVEIHTFVGIA SFDSKGEI	360
Db	301	TFSLVEAGDKVVCLVLDVSSKMAEADRLQLQQA AEFYLMQIVEIHTFVGIA SFDSKGEI	360
Qy	361	RAQLHQINSNDDRKLLVSYLPTTVSAKTDISICSG LKKGFVVEKLN GKAYGSVMILVTS	420
Db	361	RAQLHQINSNDDRKLLVSYLPTTVSAKTDISICSG LKKGFVVEKLN GKAYGSVMILVTS	420
Qy	421	GDDKLLGNCLPTVLSSGSTIHSIALGSSAAPNLEELSRLTGGLKFFVDPDISNSNSMIDAF	480
Db	421	GDDKLLGNCLPTVLSSGSTIHSIALGSSAAPNLEELSRLTGGLKFFVDPDISNSNSMIDAF	480
Qy	481	SRISSGTGDI FQQHIQLESTGENVKPHHQLKNTVTV DNTVGNDTMFLVTWQASGPPEIIL	540
Db	481	SRISSGTGDI FQQHIQLESTGENVKPHHQLKNTVTV DNTVGNDTMFLVTWQASGPPEIIL	540

Qy	541	FDPDGRKYYTNNFITNLTFRTASLWIPGTAKPGHWTYTLNNTHSHSLQALKVTVTSRASNS	600
Db	541	FDPDGRKYYTNNFITNLTFRTASLWIPGTAKPGHWTYTLNNTHSHSLQALKVTVTSRASNS	600
Qy	601	AVPPATVEAFVERDSLHFPHPVMIYANVKQGFYPILNATVTATVEPETGDPVTLRLDDG	660
Db	601	AVPPATVEAFVERDSLHFPHPVMIYANVKQGFYPILNATVTATVEPETGDPVTLRLDDG	660
Qy	661	AGADVIKNDGIYSRYFFSFAANGRYSLKVHVNHSPISTPAHSIPGSHAMYVPGYTANGN	720
Db	661	AGADVIKNDGIYSRYFFSFAANGRYSLKVHVNHSPISTPAHSIPGSHAMYVPGYTANGN	720
Qy	721	IQMNA PRKSVGRNEEERKWGFSRVSSGGSF SVLGVPAGPHPDVFP PCKIIDLEAVKVEEE	780
Db	721	IQMNA PRKSVGRNEEERKWGFSRVSSGGSF SVLGVPAGPHPDVFP PCKIIDLEAVKVEEE	780
Qy	781	LTL SWTAPGEDFDQGGATS YEIRMSKSLQNIQDDFNNAILVNTSKRNPQQAGIREIFTFS	840
Db	781	LTL SWTAPGEDFDQGGATS YEIRMSKSLQNIQDDFNNAILVNTSKRNPQQAGIREIFTFS	840
Qy	841	PQISTNGPEHQPNGETHESHRIYVAIRAMDRNSLQSAVS NIAQAPLFIPPNSDPVPARDY	900
Db	841	PQISTNGPEHQPNGETHESHRIYVAIRAMDRNSLQSAVS NIAQAPLFIPPNSDPVPARDY	900
Qy	901	LILKGVLTAMGLIGIICLIIVVTHHTLSRKKRADKKENGTKLL	943
Db	901	LILKGVLTAMGLIGIICLIIVVTHHTLSRKKRADKKENGTKLL	943

WEST Search History

[Hide Items](#)[Restore](#)[Clear](#)[Cancel](#)

DATE: Friday, July 20, 2007

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L1	(L762P or L550S or L587S or L984P or L552S OR L763P)	3823
<input type="checkbox"/>	L2	L1 and (multiplex near PCR)	2
<input type="checkbox"/>	L3	l1 and (real-time PCR)	48
<input type="checkbox"/>	L4	l1 and gene expression	117
<input type="checkbox"/>	L5	L4 and (cancer near marker)	6
<input type="checkbox"/>	L6	l4 and cancer	104
<input type="checkbox"/>	L7	L6 and predetermined cut off	40
<input type="checkbox"/>	L8	L7 and (hybridization or amplification)	40
<input type="checkbox"/>	L9	20020052329 or 20020168637 or 20030103994 or 20020172952 or 2002017669 or 20020099012	13
<input type="checkbox"/>	L10	L9 and multiplex	0
<input type="checkbox"/>	L11	L10 and real time	0
<input type="checkbox"/>	L12	L9 and real time	6
<input type="checkbox"/>	L13	L9 and multiple\$	6

END OF SEARCH HISTORY

WEST Search History

DATE: Friday, July 20, 2007

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	(L762P or L550S or L587S or L984P or L552S OR L763P)	3823
<input type="checkbox"/>	L2	L1 and (multiplex near PCR)	2
<input type="checkbox"/>	L3	l1 and (real-time PCR)	48
<input type="checkbox"/>	L4	l1 and gene expression	117
<input type="checkbox"/>	L5	L4 and (cancer near marker)	6
<input type="checkbox"/>	L6	l4 and cancer	104
<input type="checkbox"/>	L7	L6 and predetermined cut off	40
<input type="checkbox"/>	L8	L7 and (hybridization or amplification)	40
<input type="checkbox"/>	L9	20020052329 or 20020168637 or 20030103994 or 20020172952 or 2002017669 or 20020099012	13
<input type="checkbox"/>	L10	L9 and multiplex	0
<input type="checkbox"/>	L11	L10 and real time	0
<input type="checkbox"/>	L12	L9 and real time	6
<input type="checkbox"/>	L13	L9 and multiple\$	6

END OF SEARCH HISTORY